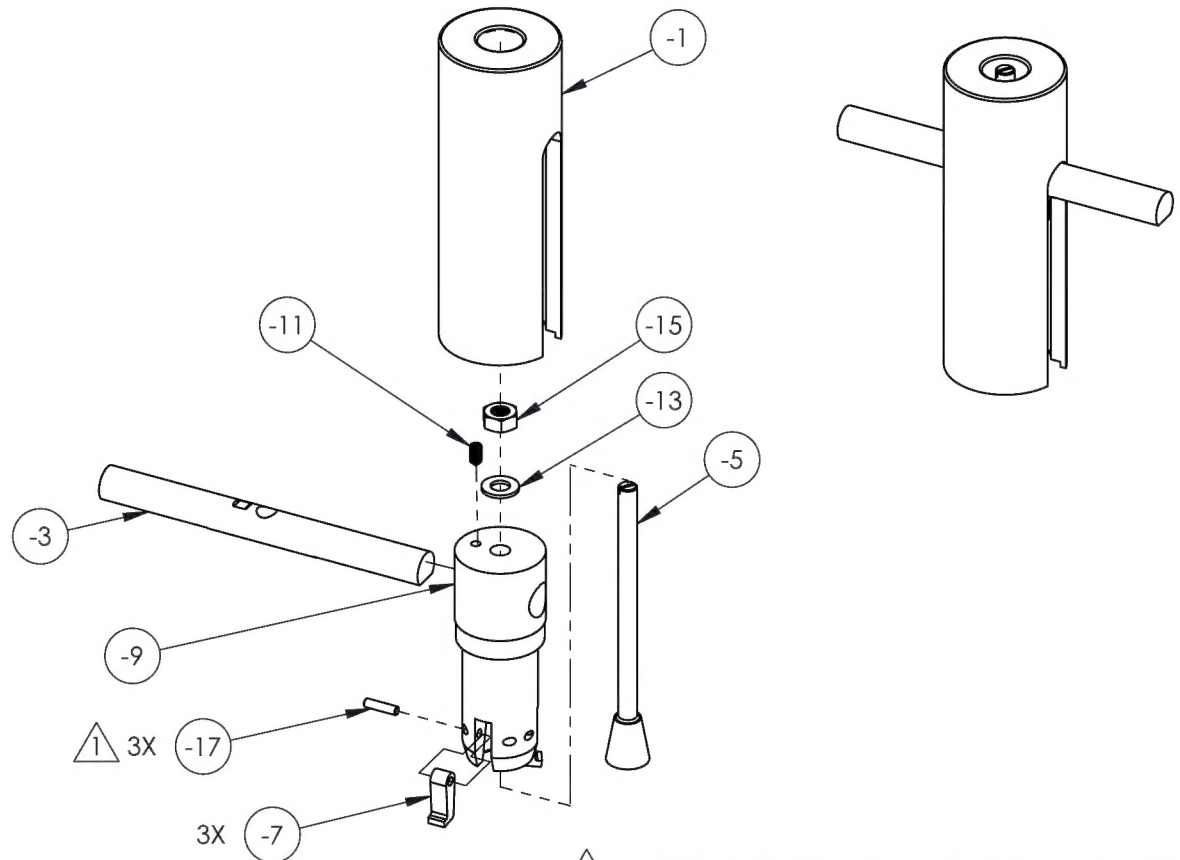
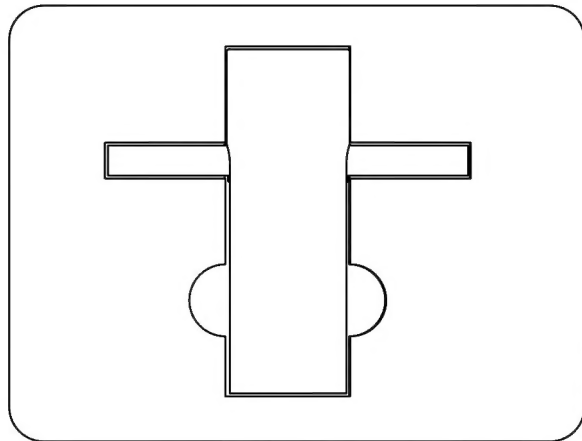


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



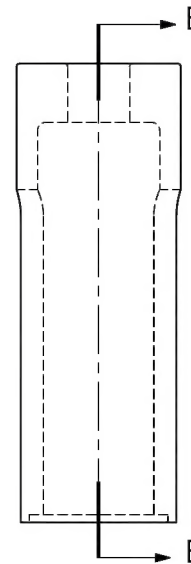
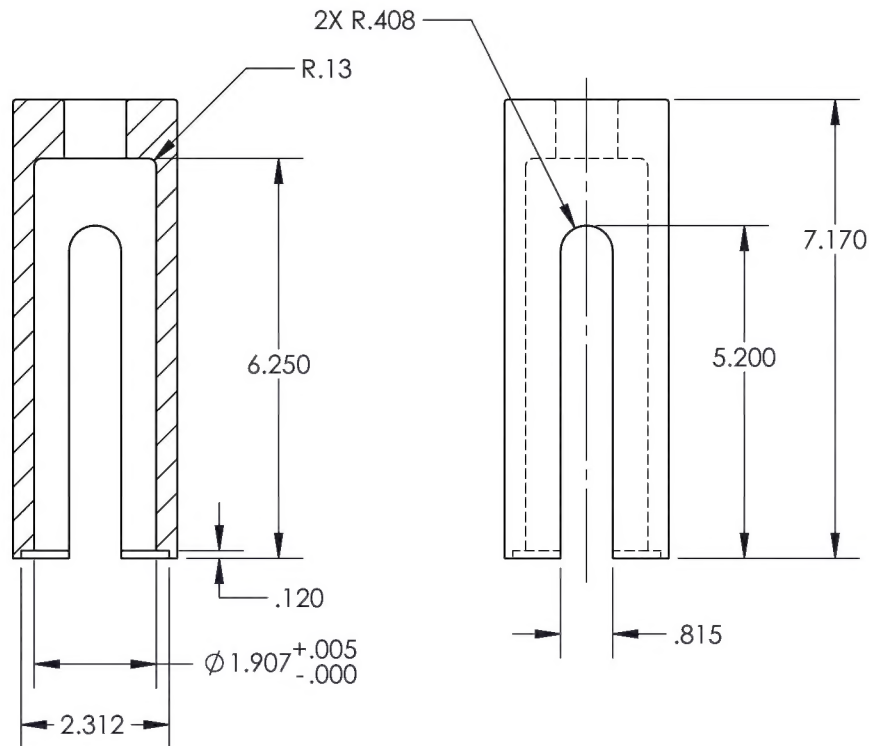
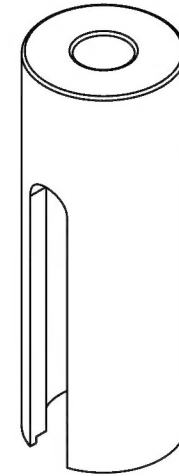
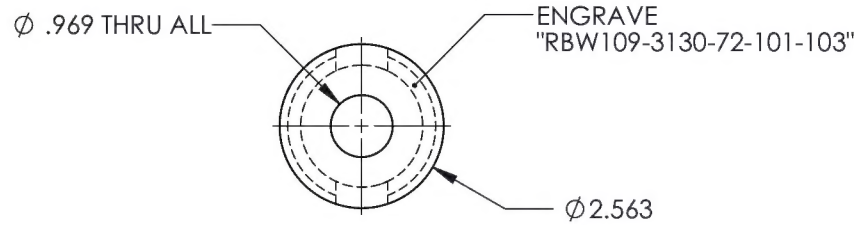
1. PRESS 3 PINS (-17) INTO BLOCK (-9) THRU 3 HOOK (-7), CENTERING PIN IN BLOCK.
2. ATTACH PLACARD (-25) TO OUTSIDE ON CASE.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	TUBE, SLEEVE	4140	Ø2-5/8 X 7	2
			-3	1	CROSSBEAM	4140	Ø3/4 X 7-1/2	3
			-5	1	TIE-ROD	4140 Q&T	Ø1 X 6-3/4	4
			-7	3	HOOK	4140	3/8 X 5/8 X 1-1/4	5
			-9	1	BLOCK	4140 Q&T	Ø2 X 5-1/8	6
		B/O	-11	1	SET SCREW, CONE POINT	STEEL	1/4-20 X 1/2 MCMaster-CARR #92695A305	1
		B/O	-13	1	WASHER	STEEL	M10 MCMaster-CARR #91166A280	1
		B/O	-15	1	NUT	STEEL	M10 MCMaster-CARR #90591A171	1
		B/O	-17	3	DOWEL PIN	416 S.S.	3/16 X 3/4 MCMaster-CARR #98380A508	1
			-19	1	BOTTOM TOOL CUSHION	Y-20 BLACK	3.95 X 9.08 X 11.98	7
			-21	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.2 X 9.08 X 11.98	8
		B/O	-23	1	CASE	PLASTIC	PELICAN #APP-1400-E	NS
		B/O	-25	1	RED BARN PLACARD	ALUMINUM	RB41009	NS

RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101	REV
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 5/24/2012
SHEET 1 OF 8	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



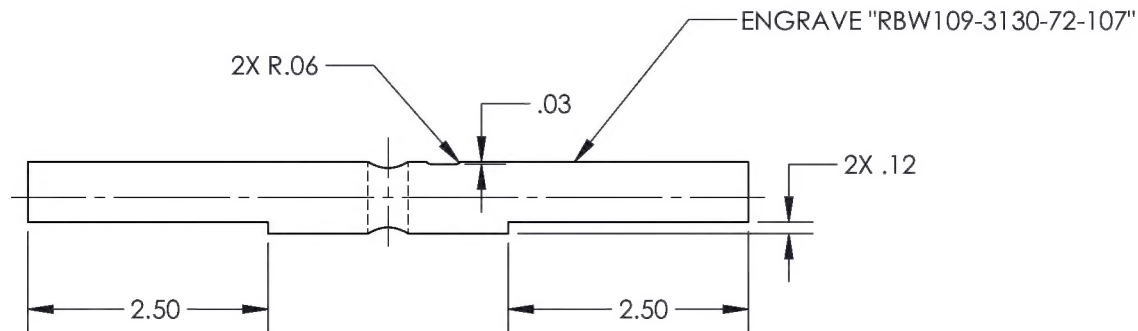
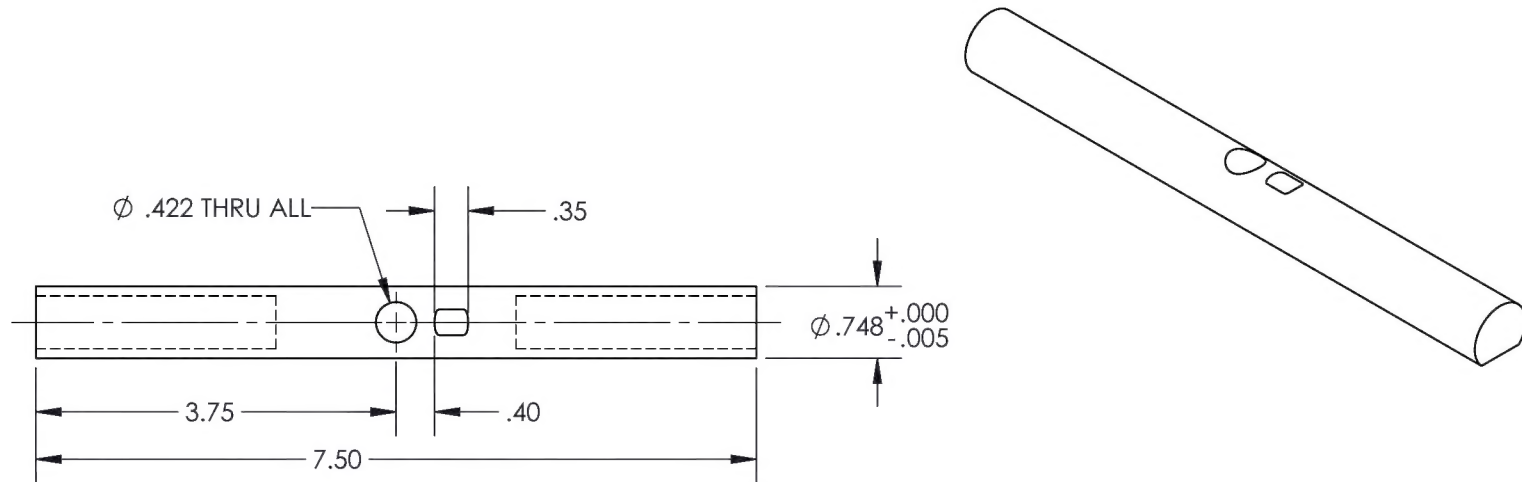
SECTION B-B

(-1)
TUBE SLEEVE

 RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-1	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH BLACK OXIDE
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 1:3	DATE 5/24/2012
SHEET 2 OF 8	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

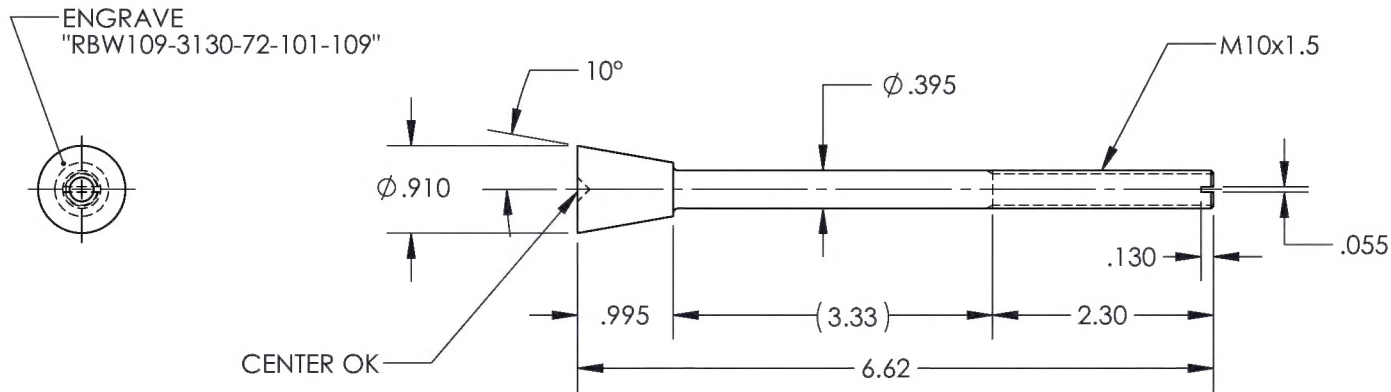


(-3)
CROSSBEAM



RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-3	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005 FRACTIONS \pm 1/32	HEAT TREAT
.XX \pm .01 ANGLES \pm 5°	FINISH BLACK OXIDE
.X \pm .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 1:3	DATE 5/24/2012
SHEET 3 OF 8	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

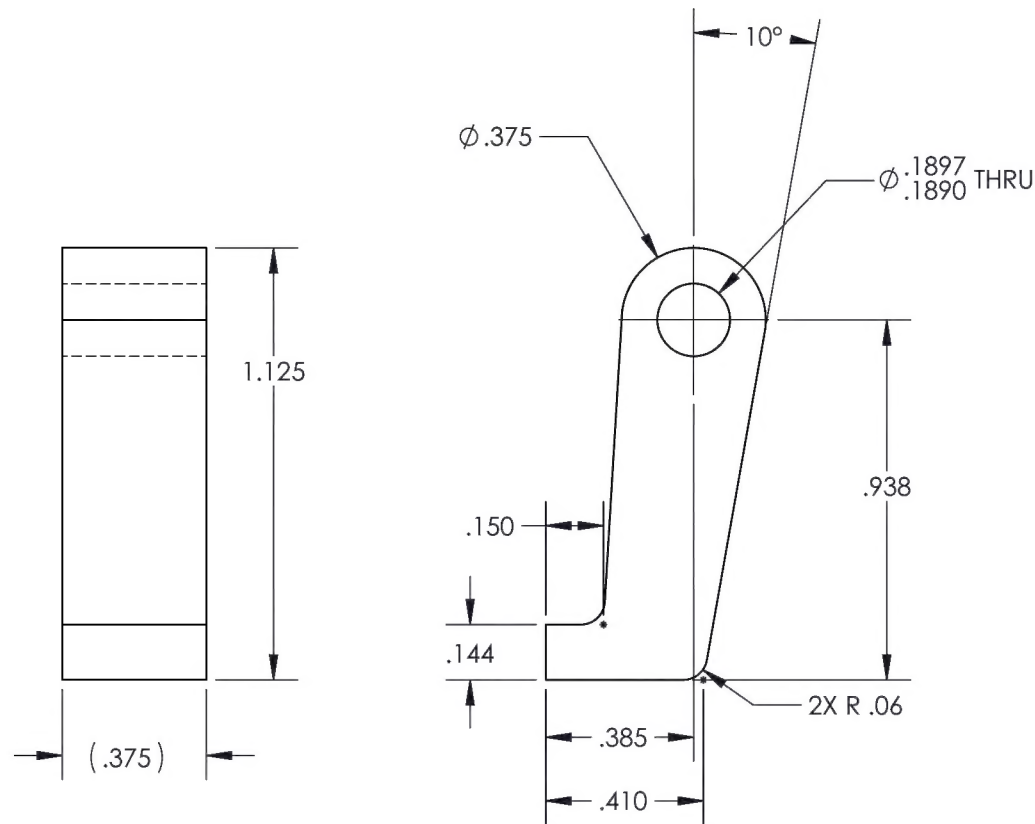


(-5)
TIE-ROD

 RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-5	REV
MAT'L 4140 Q&T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 .XX \pm .01 .X \pm .1 FRACTIONS \pm 1/32 ANGLES \pm 5°	APPROVED  HEAT TREAT FINISH BLACK OXIDE SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW109
SCALE 1:2	DATE 5/24/2012
SHEET 4 OF 8	

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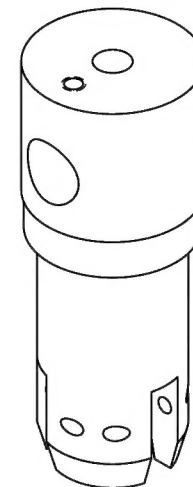
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED




(-7)
HOOK

RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-7	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT 38-42
.XX $\pm .01$	FINISH BLACK OXIDE
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 2:1	DATE 5/24/2012
SHEET 5 OF 8	

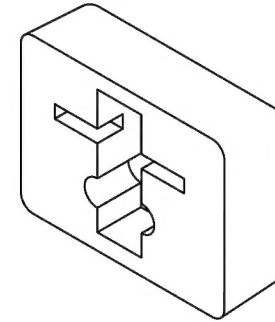
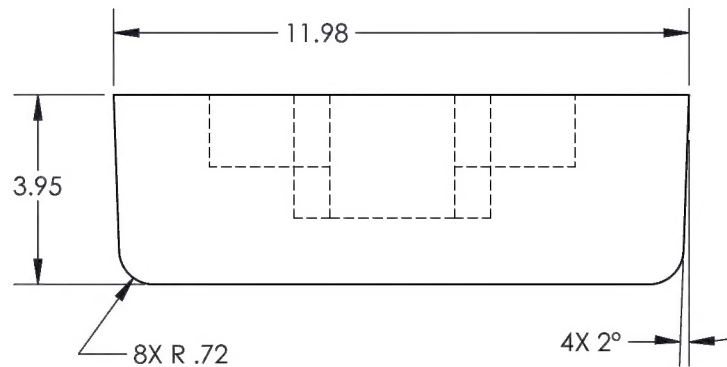
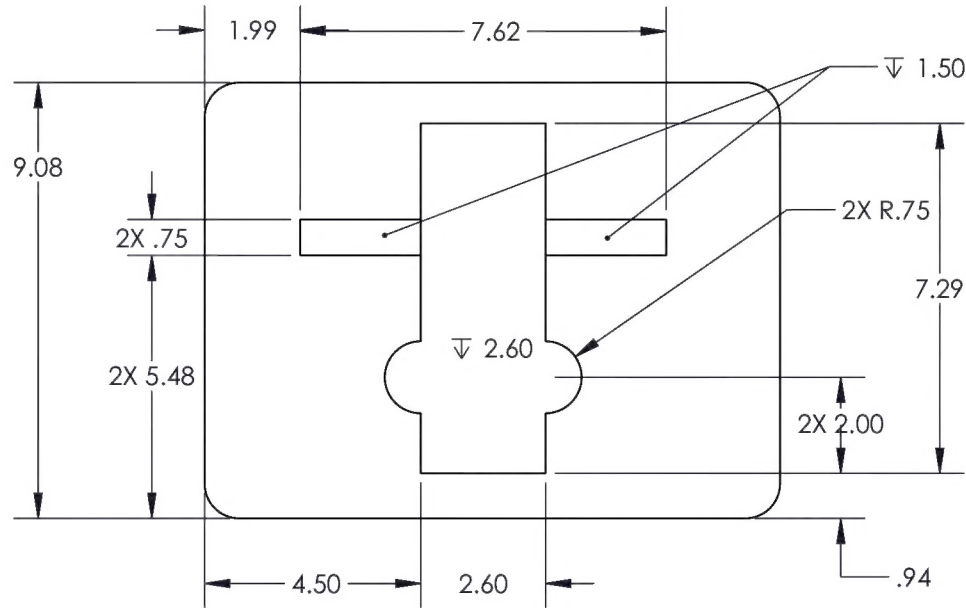
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED


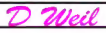


		RED BARN MACHINE	
TITLE			
T/R GRIP BUSHING REMOVAL			
DWG NO.			REV
RBW109-3130-72-101-9			
MAT'L 4140 Q&T		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005	FRACTIONS ± 1/32	HEAT TREAT	
.XX ± .01	ANGLES ± 5°	FINISH BLACK OXIDE	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		AW109	
SCALE 1:2	DATE 5/24/2012	SHEET 6 OF 8	

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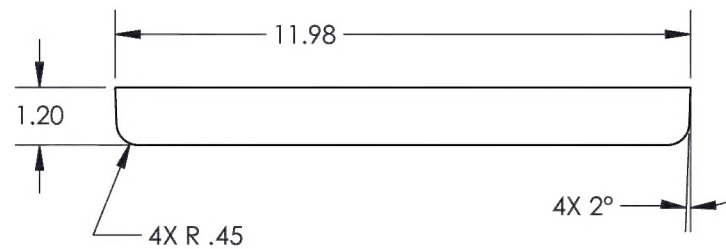
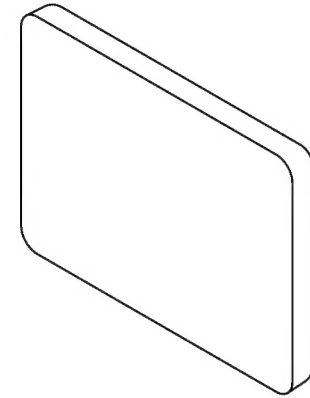
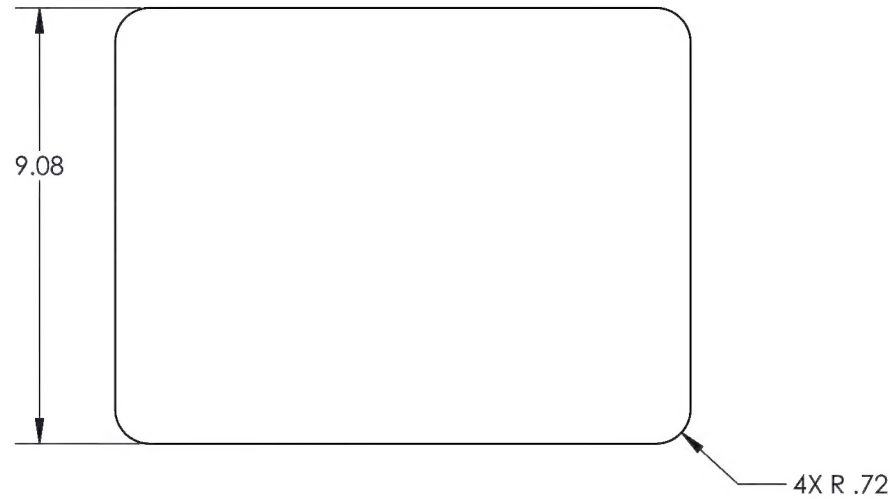
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



 RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-19	REV
MAT'L Y-20 BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW109
SCALE 1:2	DATE 5/25/2012
SHEET 7 OF 8	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-21)

TOP TOOL CUSHION

 RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-21	REV
MAT'L C200 FLAT, BLACK	DRAWN BY:
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE
SHEET 8 OF 8	